



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application : Richard C. Deth
Application No. : 09/550,103
Filed : April 14, 2000
For : METHODS IDENTIFYING AND DETERMINING THE
EFFECTIVENESS OF THERAPEUTIC PROCESSES OR
AGENTS FOR THE TREATMENT OF SCHIZOPHRENIA AND
RELATED DISORDERS
Examiner : Turnner, S.
Attorney's Docket : NU-431AX

Group Art Unit: 1647

I hereby certify that this correspondence is being deposited with the
United States Postal Service as first class mail in an envelope
addressed to: Box Sequence, Commissioner for Patents, Washington, D.C.
20231 on Aug. 22, 2001.

BY Holliday C. Heine
Holliday C. Heine, Ph.D.
Registration No. 34,346
Attorney for Applicants

AMENDMENT

Box Sequence
Commissioner for Patents
Washington, D.C. 20231

Sir:

In response to the Request for Sequence Listing dated June 22,
2001, please amend the above-identified patent application as follows.
A marked-up version of the amendments is enclosed herewith for the
Examiner's convenience.

In the Specification

Firstly, on Page 5, please replace the last paragraph with the
following paragraph:

A Fig. 1 is a prior art rendering of the dopamine D₄ receptor

Appl No.: 09/550,103
Filed: April 14, 2000
Group Art Unit: 1647

cmst
Q
1
structure, shown the amino acid sequence (SEQ ID NO: 1) of the human dopamine D₄ receptor and its proposed seven transmembrane helical elements (Deth, WO 96/37780). The cell membrane is shown as a rectangle with the extracellular surface at the top and intracellular surface at the bottom. Methionine #313 (the "hot spot") is indicated with an arrow;

Secondly, please insert the attached Sequence Listing after Page 17 and before Page 18 of the specification.

REMARKS

The Examiner is encouraged to telephone the undersigned Applicant's representative to discuss any matter that would expedite the allowance of this case.

Respectfully submitted,

RICHARD C. DETH

By: Holliday C. Heine
Holliday C. Heine, Ph.D.
Registration No. 34,346
Attorney for Applicant(s)

WEINGARTEN, SCHURGIN,
GAGNEBIN & HAYES LLP
Ten Post Office Square
Boston, MA 02109
Telephone: (617) 542-2290
Telecopier: (617) 451-0313

HCH/raw
Enclosure
257014-1